

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011516**Date Inspected:** 10-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Zhu zhong hai.**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

**OUTSIDE SHOP**

FCAW welding of weld joint 2F-056 located on PCMK SSD13-PP83 of 9EW welder is identified as 204730. ZPMC QC is identified as Mr.Li ping . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132-3.

SMAW welding of weld joint 4G-243 located on PCMK SSD10-PP80 of 9DW welder is identified as 207465. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-TC-U4b-FCM-1.

SMAW welding of weld joint 4F-179 located on PCMK SSD11A-PP81 of 9EW welder is identified as 045246. ZPMC QC is identified as Mr.Li ping . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

During ZPMC MT on Deck panel diaphragm welds of segment 7DW they found 2 linear transverse indications. ZPMC QC Mr.Wang xian pin told that ZPMC will get Critical welding report (CWR) for that repair work, the weld no is identified as SSD12-PP58-004.

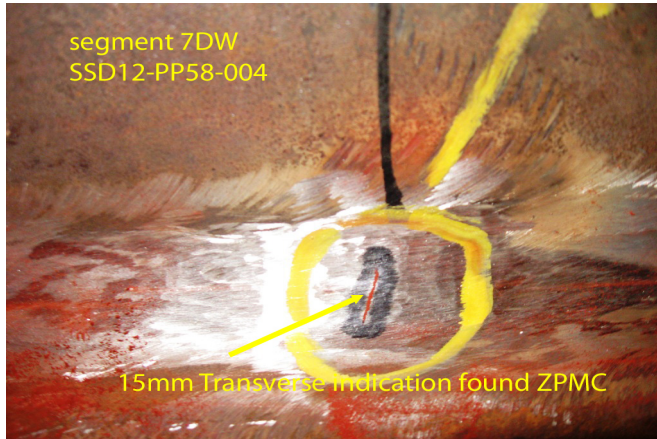
---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



### Summary of Conversations:

No relevant Conversation.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
<b>Reviewed By:</b>	Patterson,Rodney	QA Reviewer

---